



# EGI-ACE Green Computing Task Force Kick-off Meeting

## Introduction

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EGI-ACE receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 101017567.

# Green Computing Task Force Kick-off Meeting



Agenda - <https://indico.egi.eu/event/5771/>

## Introduction

EGI-ACE Green Computing survey - analysis of responses

## Task Force plan of actions

- brainstorming session
- everyone expected to contribute

## Sustainability

## AoB

- future meetings schedule

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## *Introduction*

EGI-ACE project is proposing to contribute to efforts to transition to a low-carbon and competitive economy

- through Green Computing and ICT Sustainability
- by maximising positive environmental benefits
- by minimising negative impact

The project will put into place prerequisites to reduce the ICT footprint of activities within the EGI Federation and within the computing infrastructure of EOSC in general

This will in turn reduce the overall carbon footprint and lead the way into having efficiency, environmental friendliness and ultimately cost saving measures implemented at data centres, to the benefit of all.

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## *Task T7.2 - Service Planning and Green Computing*

### WP7 Service Delivery and Planning

- 6 tasks

### T7.2 is coordinating the Green Computing activities within the project by

- identifying, developing and applying best practices among partners including measures for reducing energy consumption
- achieving alignment and disseminating knowledge across as many resource providers as possible
- liaising between complementary GC activities in other projects, for example INFRAEOSC-03

### Power Usage Effectiveness – specific task in the project proposal

- spread the know-how in order for more data centres to put into place the necessary equipment and procedures in order to gather the information in order to calculate and improve upon their PUE
- target 60% of data centres

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## *T7.2 on Green Computing*

Prepared the survey on Green Computing practices

Organised this GC TF KoM (and future meetings)

Members will co-chair the GC Task Force

- see Terms of Reference - <https://documents.egi.eu/document/3848>

Milestone

- M7.2 Green Computing taskforce has been formed - now

Deliverable

- D7.4 Green Computing progress and improvements within EGI-ACE – Dec 2022

Budget

- 20k EUR – reserved in WP7 for consultancy costs for company supporting GC planning





# Thank you!

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